

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	s204-212	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/04 17:24
L2	10	s204-s212	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/04 17:24
L3	107	((washing machine) or laundry) and (filter near (cover or lid) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/04 17:25
L4	93539	"8"/\$.ccls. or "68"/\$.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/01/04 17:25
L5	35	L4 and (filter near (cover or lid) )	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/01/04 17:25
L6	93539	"8"/\$.ccls. or "68"/\$.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/01/04 17:26
L7	61	L4 and (filter with (cover or lid) with wall )	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/01/04 17:27
L8	6	L4 and (filter with flap )	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/01/04 17:28
L9	23	L4 and (filter same flap )	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/01/04 17:30
L10	84930	(washing machine) or (laundry machine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/04 17:31

PAT-NO: JP408318091A  
DOCUMENT-IDENTIFIER: JP 08318091 A  
TITLE: WASTE THREAD GATHERING DEVICE FOR WASHING  
MACHINE  
PUBN-DATE: December 3, 1996

INVENTOR-INFORMATION:  
NAME  
IKEDA, MINORU  
YANO, KAZUMASA

ASSIGNEE-INFORMATION:  
NAME COUNTRY  
MATSUSHITA ELECTRIC IND CO LTD N/A

APPL-NO: JP07130095  
APPL-DATE: May 29, 1995  
INT-CL (IPC): D06F039/10

ABSTRACT:

PURPOSE: To prevent the detachment of a filter frame during washing or rinsing in the waste thread gathering device of a washing machine for gathering waste thread floating in water flow at the time of the washing and the rinsing.

CONSTITUTION: A first recessed part 2 formed on the side face inner wall of a washing tank 1 is covered with a water supply port filter 3, a second recessed part 5 is formed on the water supply port filter 3, the filter frame 14 provided with a filter 10 is freely rotatably and pivotally supported to a filter cover 7 and the filter cover 7 is mounted so as to cover the second recessed part 5. For the filter frame 14, pins 15 are projectingly

provided on  
both sides of a rotary shaft 12 and one of the pins 15 is abutted  
onto the  
inner surface of the filter cover 7 correspondingly to the rotation  
of the  
filter frame 14.

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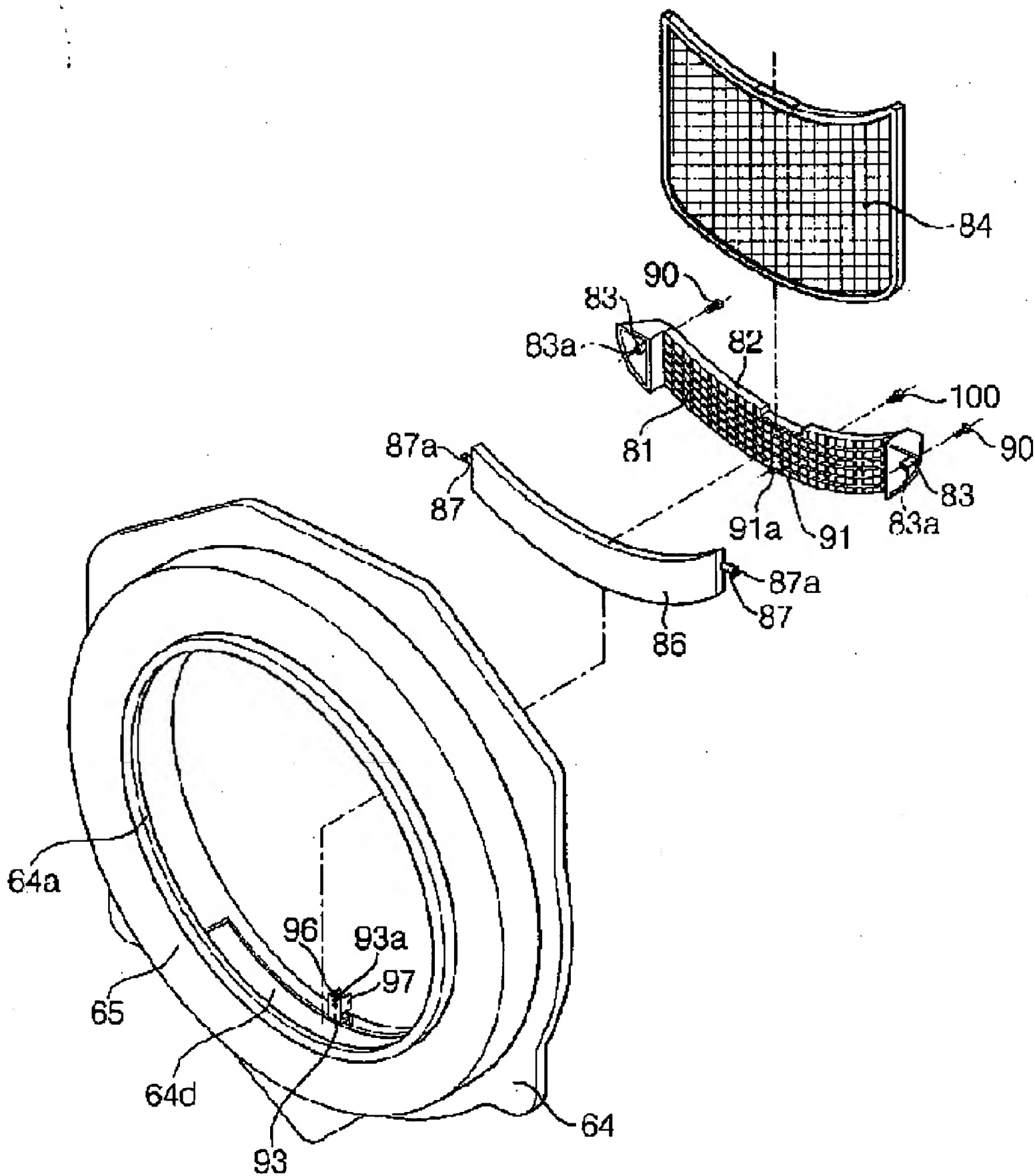
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2004-371430



DERWENT-ACC-NO: 2004-371429

DERWENT-WEEK: 200482

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TITLE: Device for mounting filter assembly in drying machine

INVENTOR: HWANG, S G

PATENT-ASSIGNEE: LG ELECTRONICS INC[GLDS]

PRIORITY-DATA: 2002KR-0040237 (July 11, 2002)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
KR 445660 B	August 21, 2004	N/A
000 D06F 058/20		
KR 2004006233 A	January 24, 2004	N/A
001 D06F 058/20		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
KR 445660B	N/A	2002KR-0040237
July 11, 2002		
KR 445660B	Previous Publ.	KR2004006233
N/A		
KR2004006233A	N/A	2002KR-0040237
July 11, 2002		

INT-CL (IPC): D06F058/20

ABSTRACTED-PUB-NO: KR2004006233A

BASIC-ABSTRACT:

NOVELTY - A mounting device of a filter assembly for a drying machine is provided to reduce working hours by assembling a filter supporter and a filter cover easily with automatically integrating an assembling hole of an assembling boss and an assembling hole of a fixing protrusion in lifting the end of the assembling boss on a guide rib.



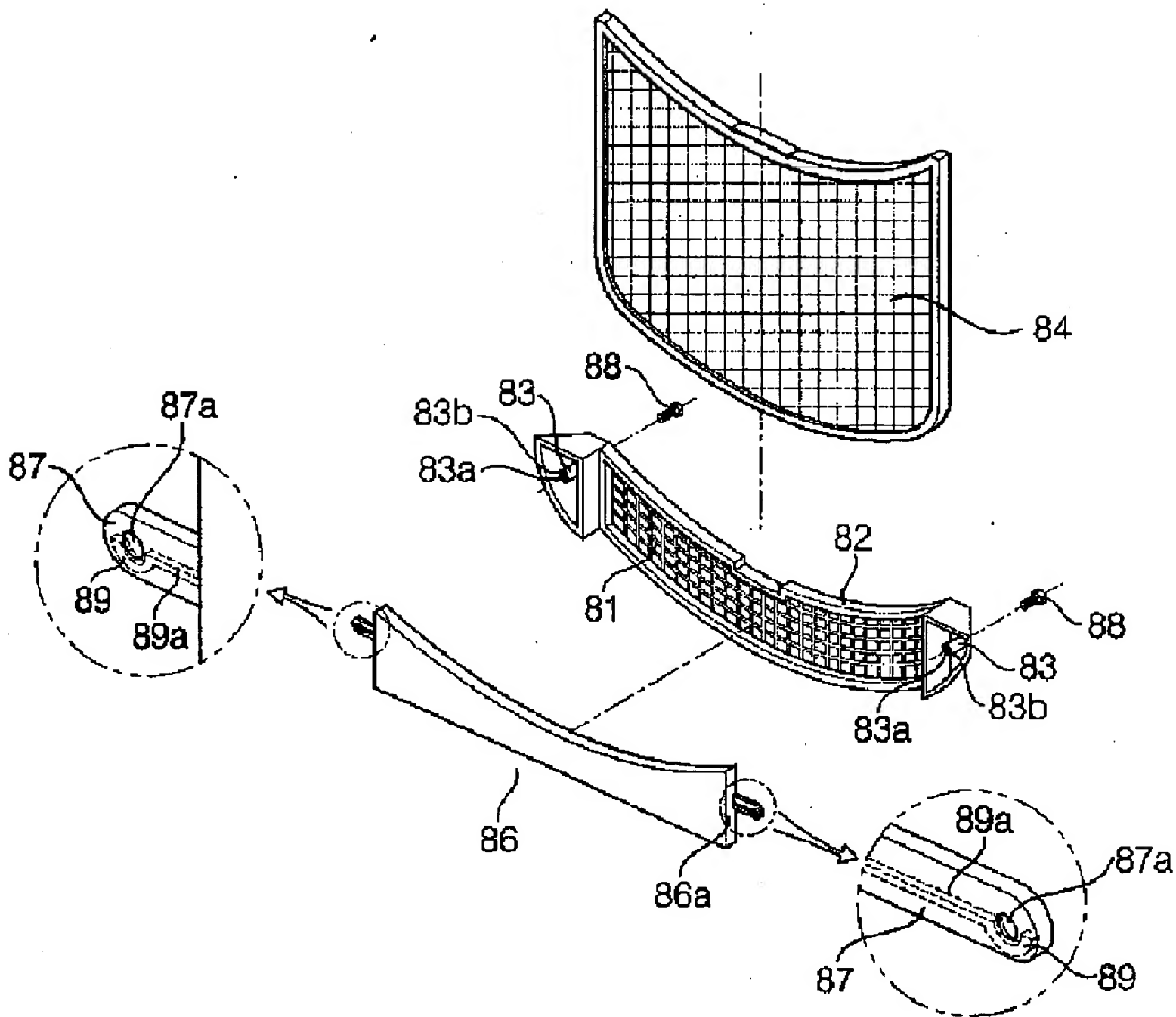
DETAILED DESCRIPTION - A filter assembly comprises a filter cover(82) having air suction holes sucking air drying the laundry; a filter(84) purifying air from the air suction holes; and a filter supporter(86) fixed to the filter cover by an assembling member to insert the filter. A filter assembly mounting device of a drying machine includes an assembling boss(83) protruded at both sides of the air suction holes and composed of an assembling hole(83a), a fixing protrusion(87) protruded at both sides of the filter supporter and composed of an assembling hole corresponding to the assembling hole of the assembling boss, and a guide rib(89) putting the end of the assembling boss thereon to integrate the assembling hole of the assembling boss with the assembling hole of the fixing protrusion in assembling the filter cover with the filter supporter.

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: DEVICE MOUNT FILTER ASSEMBLE DRY MACHINE

DERWENT-CLASS: X27

EPI-CODES: X27-D02;



## EAST Search History

L11	811	I10 and (filter with (flap or cover or lid or plate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/04 17:33
L12	184	I10 and (filter with (flap or cover or lid or plate) with (casing or cabinet or wall))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/04 17:35